



## FLOOR RACK FOR HOLDING BATHROOM SUNDRIES

### RELATED U.S. APPLICATIONS

Not applicable.

### STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT

Not applicable.

### REFERENCE TO MICROFICHE APPENDIX

Not applicable.

### FIELD OF THE INVENTION

**[0001]** The present invention relates generally to a floor rack, and more particularly to a floor rack which is designed to hold miscellaneous items of bathroom

### BACKGROUND OF THE INVENTION

**[0002]** In light of space limitation of the bathroom in an office or private home, the bathroom sundry items are often kept in a disorderly manner that they cannot be easily found or reached by a user. As a remedial measure, a bathroom floor rack is a suitable adjunct to the bathroom.

### BRIEF SUMMARY OF THE INVENTION

**[0003]** The primary objective of the present invention is to provide a floor rack for holding various bathroom items which are often used daily.

[0004] The floor rack of the present invention comprises a base, an upright support rod extending from the base, and a plurality of holders for holding bathroom sundries. The base is rested on a bathroom floor. The upright support rod is used to fasten the holders. The holders are detachably fastened with the upright support rod to facilitate the storing or shipping of the floor rack.

[0005] The features and the advantages of the present invention will be further elucidated hereinafter with reference to the accompanying drawings.

#### BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWINGS

[0006] FIG. 1 shows a perspective view of a first preferred embodiment of the present invention.

[0007] FIG. 2 shows a schematic view of the first preferred embodiment of the present invention at work.

[0008] FIG. 3 shows a partial exploded view of a second preferred embodiment of the present invention.

[0009] FIG. 4 shows a perspective view of the second preferred embodiment of the present invention in combination.

[0010] FIG. 5 shows a perspective view of a third preferred embodiment of the present invention.

[0011] FIG. 6 shows a partial exploded view of the third preferred embodiment of the present invention.

[0012] FIG. 7 shows a perspective view of a fourth preferred embodiment of the present invention.

[0013] FIG. 8 shows a schematic view of the fourth preferred embodiment of the present invention at work.

## DETAILED DESCRIPTION OF THE INVENTION

[0014] As shown in FIGS. 1 and 2, a floor rack 10 embodied in the present invention comprises a base 11, an upright support rod 12, a first holder 20, and a second holder 30.

[0015] The base 10 is rested on the floor of a bathroom.

[0016] The upright support rod 12 is extended uprightly from the base 10 for supporting the first holder 20 and the second holder 30. The first holder 20 has a fastening portion 21, a support frame 22, and a holding rod 23. The fastening portion 21 is fastened with a top end of the upright support rod 12. The holding rod 23 is intended to hold a paper towel roll 40, as shown in FIG. 2.

[0017] The second holder 30 has a fastening portion 31, a support arm 32, a holding arm 33 extending from the support arm 32, and a ring 34. The second holder 30 is fastened with the outer wall of an appropriate level of the upright support rod 12 such that the fastening portion 31 is joined with the upright support rod 12 by welding. The holding arm 33 is used to hold a standby paper towel roll 41, while the ring 34 is used to hold a container 41 for holding a toilet-bowl brush 43, as shown in FIG. 2.

[0018] The second holder 30 may be detachably fastened with the upright support rod 12, as shown in FIGS. 3 and 4. The fastening portion 31 of the second holder 30 is provided with two retaining projections 35. Meanwhile, the upright support rod 12 is provided with two retaining slots 13. The second holder 30 is detachably fastened with the upright support rod 12 such that the two retaining projections 35 of the second holder 30 are removably retained in the two retaining slots 13 of the upright support rod 12.

[0019] As shown in FIGS. 5-8, the second holder 30 is replaced by a miscellaneous holder 50 for holding various articles 70. The miscellaneous holder 50 has a holding frame 52 and two support

arms 51, each having a retaining projection 53. The miscellaneous holder 50 is detachably fastened with the upright support rod 12 such that the two retaining projections 53 are removably retained in the two retaining slots 13 of the upright support rod 12.

**[0020]** As shown in FIGS. 7 and 8, the upright support rod 12 is provided with an insertion hole 14 and a roll holder 61. The roll holder 61 has a support arm 62, a holding arm 63, and a locating arm 64. The roll holder 61 is detachably fastened to the upright support rod 12 such that the locating arm 64 is removably located in a hollow interior of the upright support rod 12 via the insertion hole 14 of the upright support rod 12. The holding arm 63 of the roll holder 61 is used to hold a standby paper towel roll 41.

**[0021]** The embodiments of the present invention described above are illustrative and nonrestrictive. Accordingly, the present invention may be embodied in other specific forms without deviating from the spirit thereof. The present invention is therefore to be limited only by the scope of the following claims.